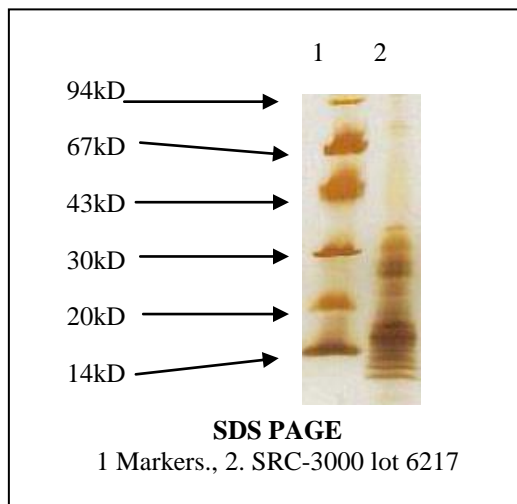


Certificate of Analysis

Product: SRC-3000
Lot Number: 6217
Appearance: Frozen clear liquid
Expiration Date: 01/Oct/2021
Material of Origin: Bovine Thymus
 From USA origin



Parameter	Specification	Result
Protein Concentration by BCA	0.028-0.957 mg/ml	0.311 mg/ml
Antigen titer by direct coat ELISA		
Vs Positive antibody 1	75-125%	113%
Vs Positive antibody 2	75-125%	115%
Vs Positive antibody 3	75-125%	112%
Mean	80-120%	113%
Noise/Signal ratio by direct coat ELISA		
Vs Normal serum	<0.01	0.004
Vs SSA antibody	<0.06	0.044
Vs SSB antibody	<0.01	-0.007
Vs SCL-70 antibody	<0.01	0.01
Vs Sm antibody	<1.2	1.107
Vs Jo-1 antibody	<0.05	0.008
Vs Mitochondrial antibody	<0.01	0.004

Double Immunodiffusion Results:

	Standard	Lot 6217
Titer vs specific antibody	1:8	1:8
Reaction with anti-host serum proteins	Negative	Negative

Absorbance at 280nm: 0.143 at 1: 11 dilution
 This product meets or surpasses ImmunoVision specifications.

Thomas Smith

Quality Control Director

1/31/2019
 Date